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ABSTRACT

Educational television is one part of a coordinated instructional system which also utilizes faculty Course Advisors, texts, syllabi, and the instructional support services of the Los Angeles Community Colleges. Educational television extends access to students who are not enrolled in on-campus programs and provides an alternative mode of instruction for students who are attending classes on campus. Data for campus and television enrollments from 1970-74 are presented for five courses: Art 1, Astronomy 1, Geography 1, Health 10, and Psychology 1. The data reveal no significant decrease in enrollments on campus which could be caused by the television courses. The data also reveal that the distribution of grades earned by students enrolled in television courses does not vary significantly from the distribution of grades in on-campus sections of the courses. Graphic depictions of the data, which make up over half of this document, cover enrollments and grade distribution. Appended are tabular formulations of the same data. (Author/NHM)

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LOS ANGELES COMMUNITY COLLEGE DISTRICT

INSTRUCTIONAL TELEVISION

1971 - 1974

DIVISION OF EDUCATIONAL PLANNING AND DEVELOPMENT

OFFICE OF INSTRUCTIONAL DEVELOPMENT

OCTOBER, 1974

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INTRODUCTION

A recent nation-wide survey revealed that Los Angeles is one of thirty-five community college districts in the United States that utilize television to deliver instruction to off-campus locations.

The primary objective of instructional television is to extend educational opportunities to those persons who, for many reasons, are not able to go to the college campus.

The purpose of this report is to answer some of the questions commonly asked concerning ITV, and to provide data for future planning and development.

CONCLUSIONS

The data presented in this report support the following conclusions:

1. ITV extends access to students who are not enrolled in "on campus" programs, and provides an alternative mode of instruction for students who are attending classes on a college campus.
2. Television is one part of a coordinated instructional system which also utilizes faculty members, texts, syllabi and the resources of the colleges to facilitate learning.
3. The level of enrollment in a course on television apparently does not have any relationship to "on campus" enrollments in the same course.
4. The distribution of grades earned by students enrolled in ITV courses does not vary significantly from the distribution of grades in "on campus" sections of the course.

HISTORY OF ITV IN THE LOS ANGELES COMMUNITY COLLEGE DISTRICT

Broadcast of credit courses on television began in 1965 with black-and-white courses produced by the District. Six courses were broadcast between 1965 and 1968. In 1970, the District joined with several other neighboring colleges to form the Consortium for Community College Television which now has 32 member colleges and presents two courses each semester and one each summer.

The District has produced two color television classes since formation of the Consortium: "Law for the 70's" and "The History of Mexico". The member colleges have produced most of the other courses sponsored by the Consortium.

The following courses have been broadcast by the Consortium during the period 1971 - 1974.

Course No.	Units	Course Title
Art 1	3	Survey of Art History 1
Astronomy 1	3	Elementary Astronomy
Economics 4	3	Economics for the Consumer
Finance 31	2	Insurance Principles
Geography 1	3	Physical Elements of Geography
Health 10	2	Health Education
History 19	3	History of Mexico
Law 30	3	Law for the California Layman
Psychology 1	3	General Psychology
Theatre Arts 5	3	History of the World Theatre

INSTRUCTIONAL SERVICES

Registration

Students may enroll in person or by mail at the District's ITV Office, which is located in Bungalow R on the City College campus. The registration form is one page of the brochure printed each term to publicize the ITV offering. The brochure also contains the broadcast schedule, course descriptions, and forms for ordering textbooks and syllabi by mail. There is no fee for registration. Brochures are sent to former ITV students, distributed at the eight colleges, and sent to elementary and secondary schools in the District.

Course Advisor

A "Course Advisor" is assigned to be responsible for student contact and evaluation. The duties of the Course Advisor are to:

1. View each broadcast lesson and be informed concerning the content and textbooks.
2. Develop a response plan for student assignments and interaction with the faculty member.
3. Establish grading standards.
4. Prepare examinations and supervise administration and scoring.
5. Be responsible for student consultation via mail, telephone and during office hours.
6. Maintain office hours.
7. Meet and confer with the other instructors of Consortium courses concerning standards and grading.
8. Schedule discussion sessions at District colleges.
9. At the close of the assignment submit an evaluation of the course, the examinations and procedures.

Eligibility for Assignment as Course Advisor

Faculty members qualified in the subject field of the course who have regular or contract status are eligible for assignment as instructor of record. Candidates for assignment must be recommended by the chairman of their division or department.

Counseling

Counseling is available to ITV students in campus counseling offices and with their course advisor.

Review Seminars

Review seminars are given on several campuses about a week prior to each examination. These make the courses more personal and motivate the students to meet with the course advisor.

Syllabus

Each ITV Course has a specially written syllabus for the students to use to supplement the textbooks. The syllabus outlines the television course, gives daily assignments in the textbook, sample questions for discussion, and supplemental reading assignments.

Outreach Services

ITV is an outreach educational program and its students are able to do many things at home which students on a campus must do at the campus. They receive a brochure and registration form at home by mail and can register by mail. The brochure includes a form to order textbooks and syllabi by mail. These are mailed to the student at his home by the Consortium or a member college bookstore. Students receive frequent communications by mail telling of examination schedules, broadcast modifications, special

assignments, etc. A sample of the brochure announcing ITV courses and the mail registration is presented as Appendix IV.

Library

All colleges in the District extend library privileges to ITV students.

Tutoring

Tutoring was offered to the District's ITV students by means of a Title I program at L.A. City College in Spring, 1974.

Media Centers

ITV programs can be recorded easily during broadcast and the L.A. City and Valley College media centers now keep these courses on color video cassette. ITV students who miss one or more programs can go to one of these media centers to see the programs they have missed.

ENROLLMENTS AND GRADE DISTRIBUTION

Enrollment and grades for ITV as compared to on-campus instruction are presented in Figures 1 to 7. Appendices I, II and III present supporting data.

Enrollment Comparisons

Figures 1 through 5 present the total campus enrollments and ITV enrollments from 1970 - 74 for five courses: Art 1, Astronomy 1, Geography 1, Health 10, and Psychology 1. Five other courses were broadcast during this time, but none of these courses is offered widely at the colleges: Economics 4, Finance 31, History 19, Law 30 and Theatre 5. Several of these classes were broadcast more than one time.

The data for campus enrollment were obtained from the Office of Educational Research and Analysis.

The data reveal no significant decrease in enrollments on campus which could be caused by the ITV courses. Astronomy shows a 34% increase on campus during the year after the ITV broadcast.

Enrollments in Neighboring Colleges

Figure 6 compares ITV enrollments in the Los Angeles District for 1971-74 with several neighboring college districts. Most districts show an enrollment decrease in 73-74 as was the case in Los Angeles.

Concurrent Enrollment At District Colleges

An analysis of fall, 1973 ITV enrollments revealed that 35% of the students who were enrolled in ITV courses were also taking courses at one of the District colleges.

Grade Distribution Comparisons

A graphical grade comparison of ITV with City and Valley Colleges for six

classes is present in Figures 7 through 12.

Appendix I gives enrollment and retention for all ITV classes from Summer '72 through Spring '74 and the grade distribution for each course. The column headed "Passing" gives the total number and percent who completed the course with a passing grade (A,B,C,D,and Cr). Students who failed to earn a passing grade during this two-year period were given a W in lieu of an F or an Incomplete. The percent of students completing ITV courses is 51.8% compared to 68.8% for City and 79.7% for Valley.

The average grade was calculated for each course and an average grade for ITV for this two-year period was 2.62.

Appendix II gives the same data for City College. Appendix III gives the data for Valley College. The average grade for ITV was 2.62 as compared with that of Valley College (2.69) and City College (2.56).

For two of the six classes ITV classes gave the lowest grades, in one the highest, and for the other three classes ITV had an average grade in between those at the two colleges.

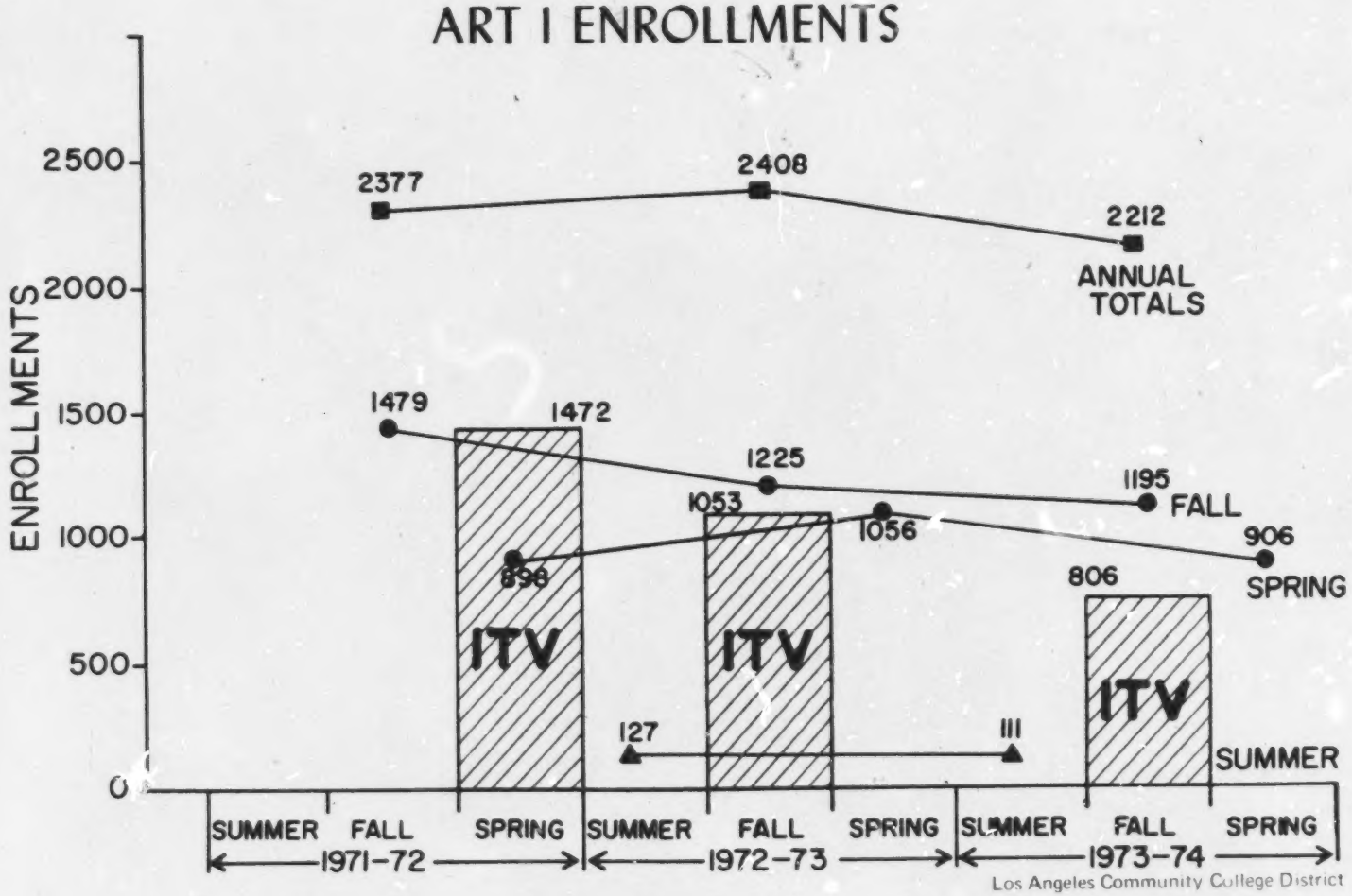

ART I ENROLLMENTS
ENROLLMENTS
2500
2000
1500
1000
500
0
2377
2408
2212
ANNUAL TOTALS
1479
1472
1225
1195
FALL
1053
1056
906
SPRING
898
806
ITV
ITV
ITV
127
111
SUMMER
SUMMER
FALL
SPRING
SUMMER
FALL
SPRING
SUMMER
FALL
SPRING
1971-72
1972-73
1973-74
Los Angeles Community College District

FIGURE 1

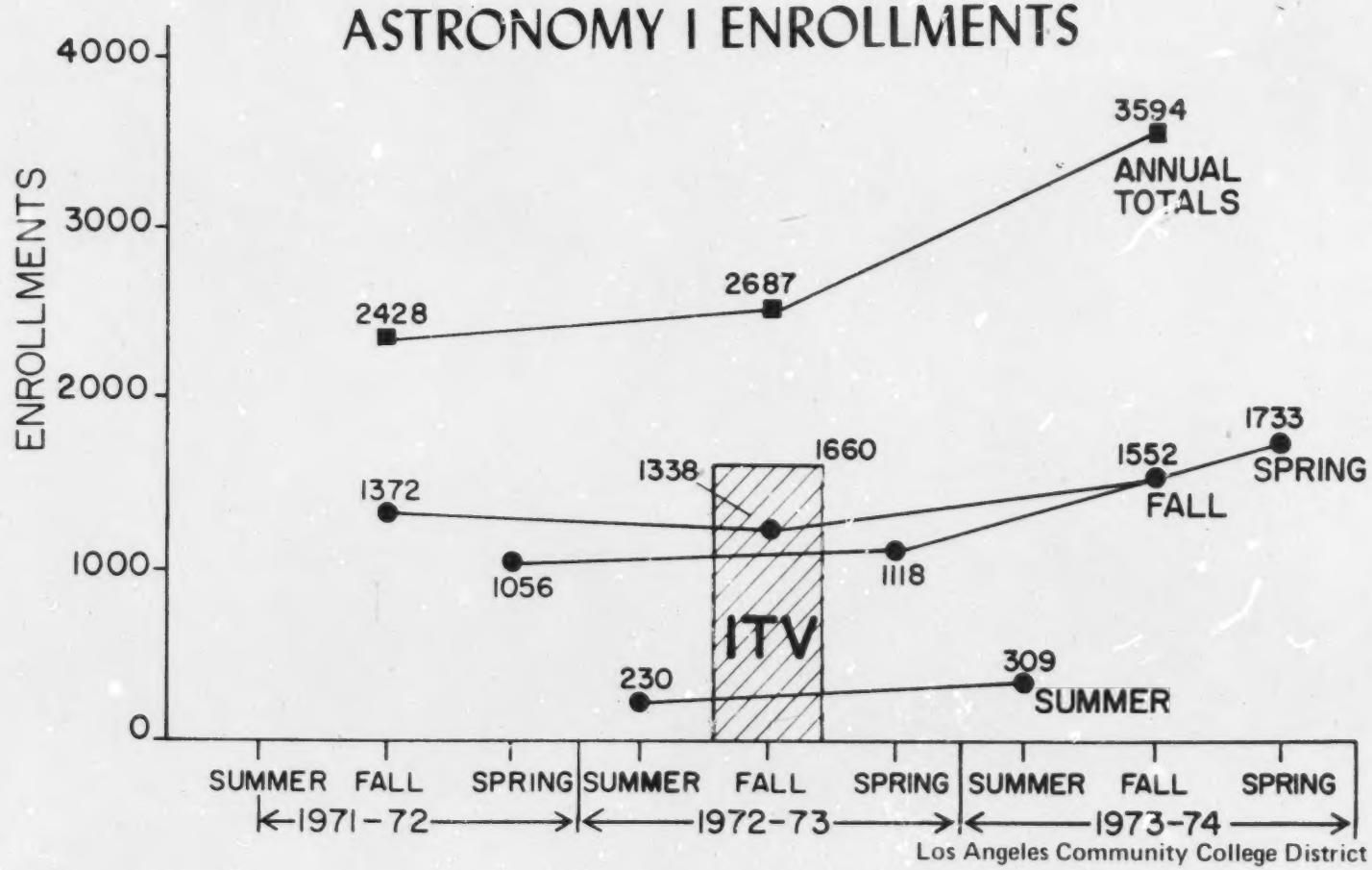

ASTRONOMY I ENROLLMENTS
ENROLLMENTS
4000
3000
2000
1000
0
3594
ANNUAL TOTALS
2687
2428
1733
SPRING
1660
1552
FALL
1338
1372
1118
1056
ITV
309
SUMMER
230
SUMMER FALL SPRING SUMMER FALL SPRING SUMMER FALL SPRING
1971-72
1972-73
1973-74
Los Angeles Community College District

FIGURE 2

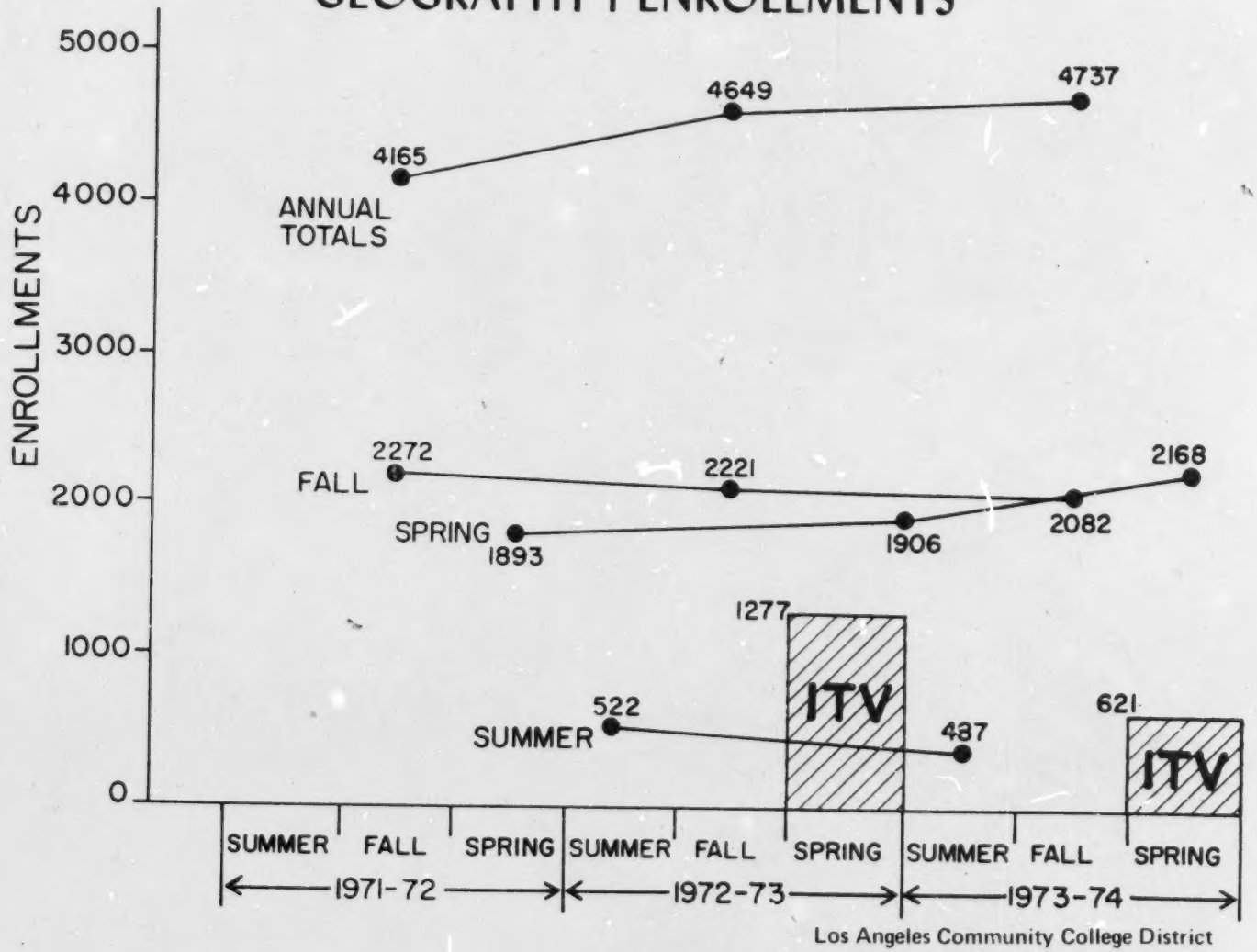

GEOGRAPHY I ENROLLMENTS
ENROLLMENTS
5000
4000
3000
2000
1000
0
ANNUAL TOTALS
4165
4649
4737
FALL
2272
2221
2168
SPRING
1893
1906
2082
SUMMER
522
1277
ITV
437
621
ITV
SUMMER FALL SPRING SUMMER FALL SPRING SUMMER FALL SPRING
1971-72
1972-73
1973-74
Los Angeles Community College District

FIGURE 3

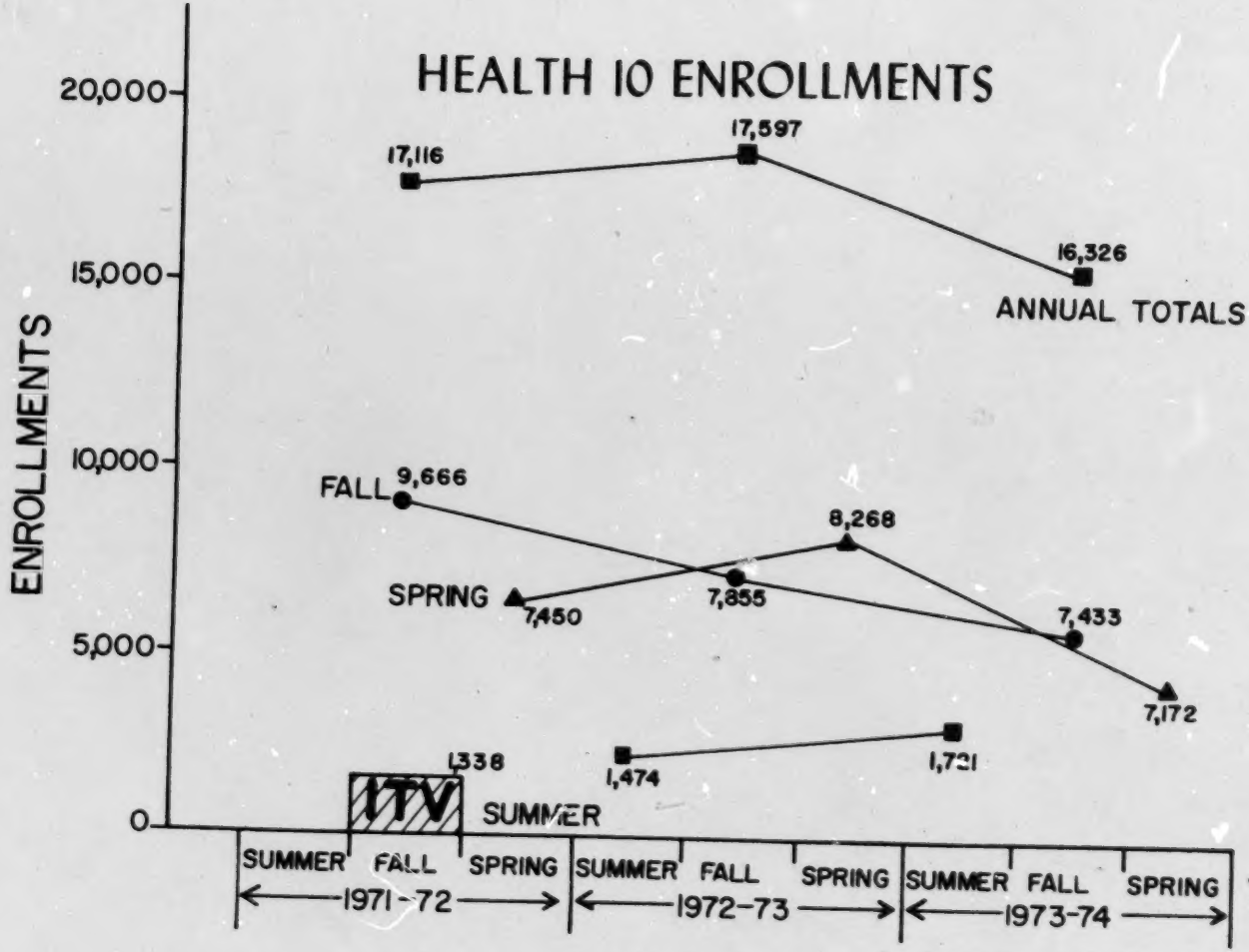
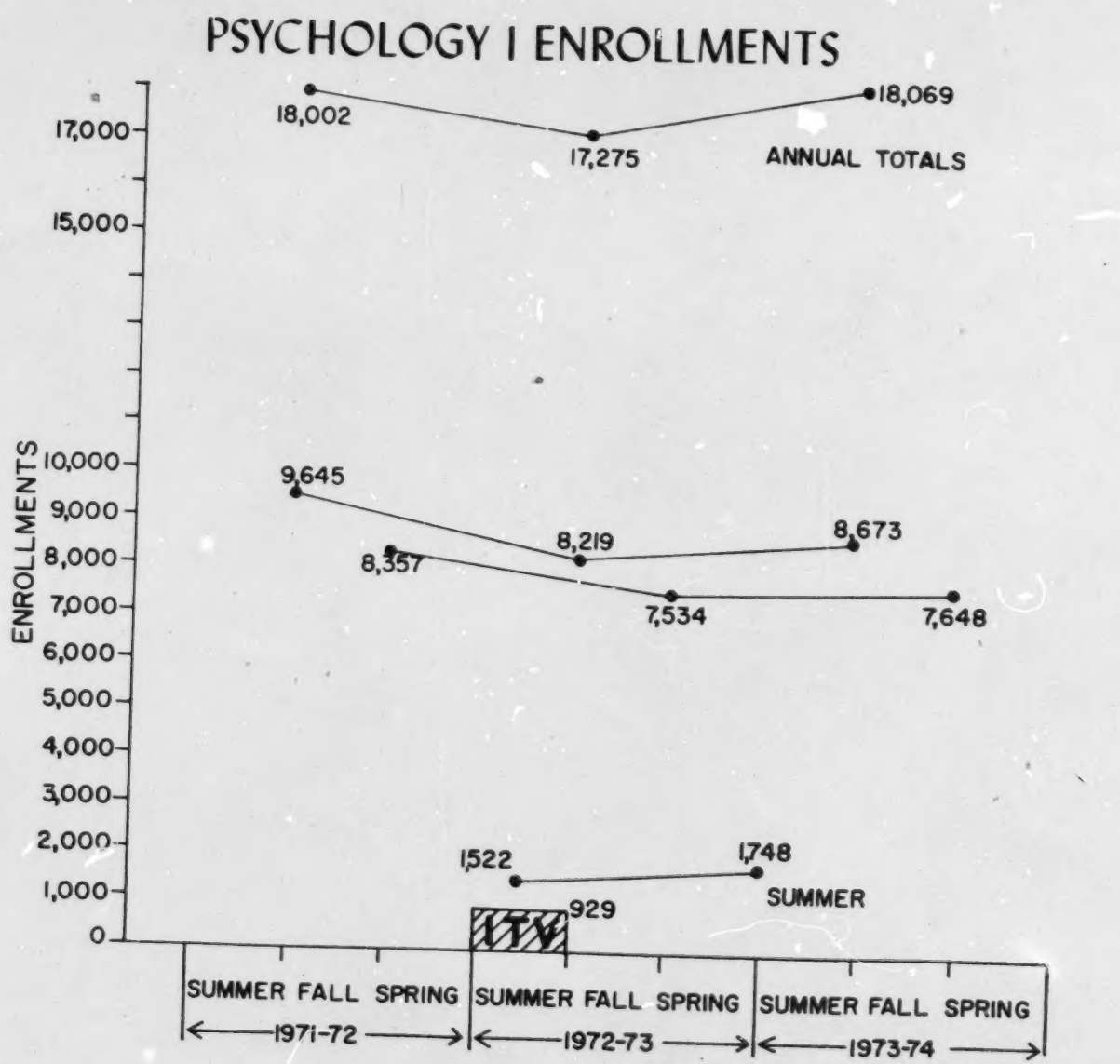

HEALTH 10 ENROLLMENTS
ENROLLMENTS
20,000
15,000
10,000
5,000
0
17,116
17,597
16,326
ANNUAL TOTALS
FALL
9,666
7,855
7,433
7,172
SPRING
7,450
8,268
1,338
ITV
SUMMER
1,474
1,721
SUMMER FALL SPRING SUMMER FALL SPRING SUMMER FALL SPRING
1971-72
1972-73
1973-74
Los Angeles Community College District

FIGURE 4



Los Angeles Community College District

FIGURE 5

LOS ANGELES ITV ENROLLMENTS
COMPARED WITH
NEIGHBORING COLLEGES 1971-1974

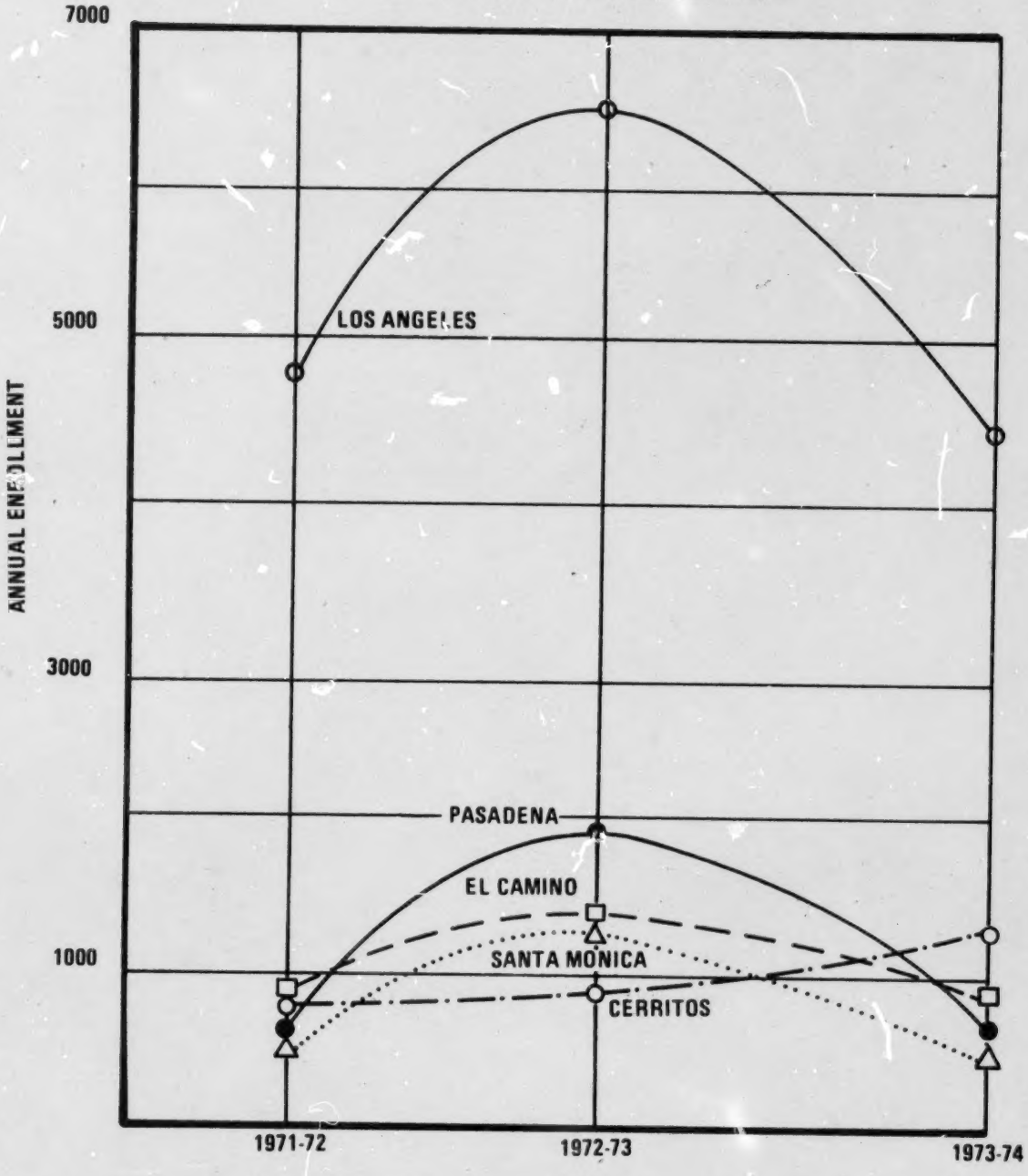
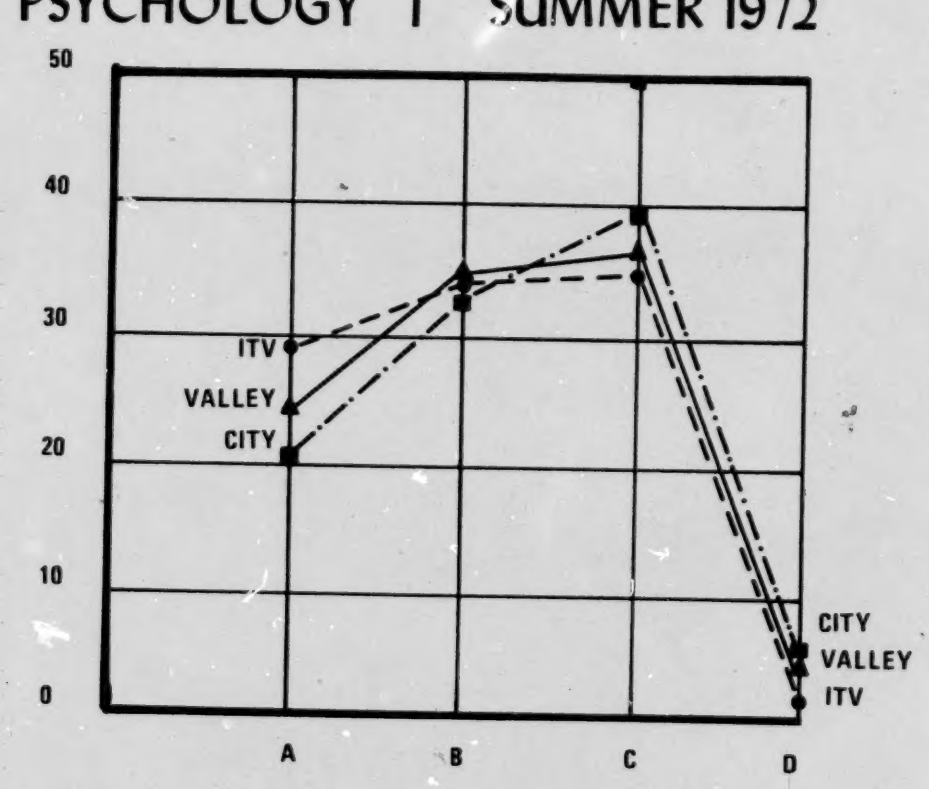


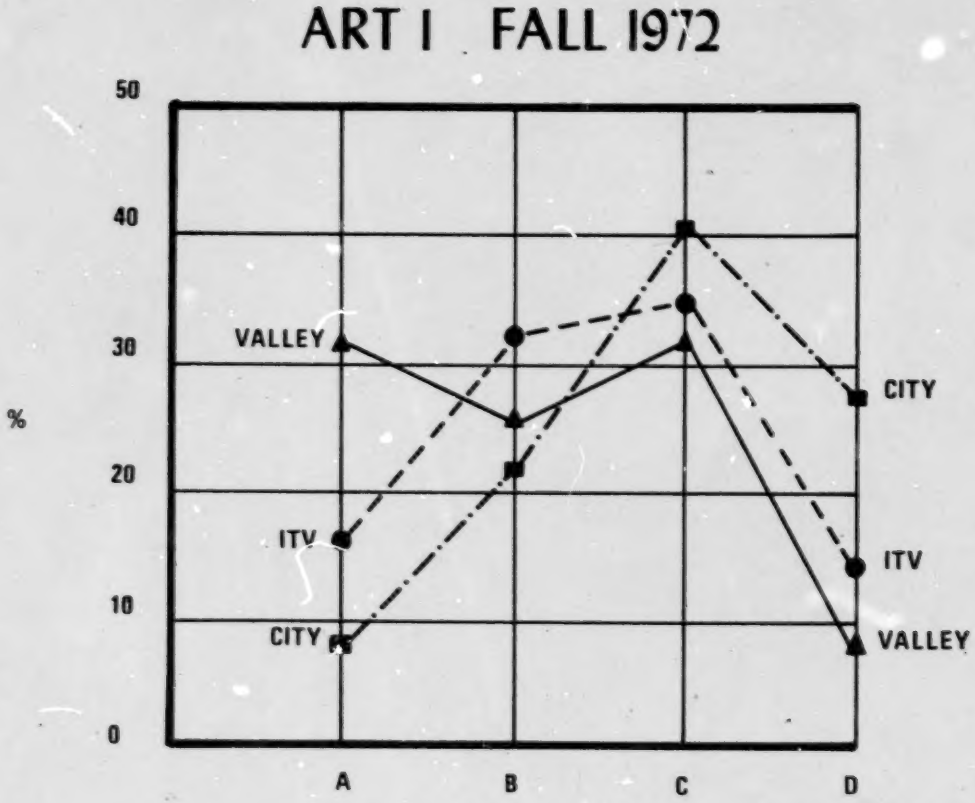
Figure 6



Grade Comparison

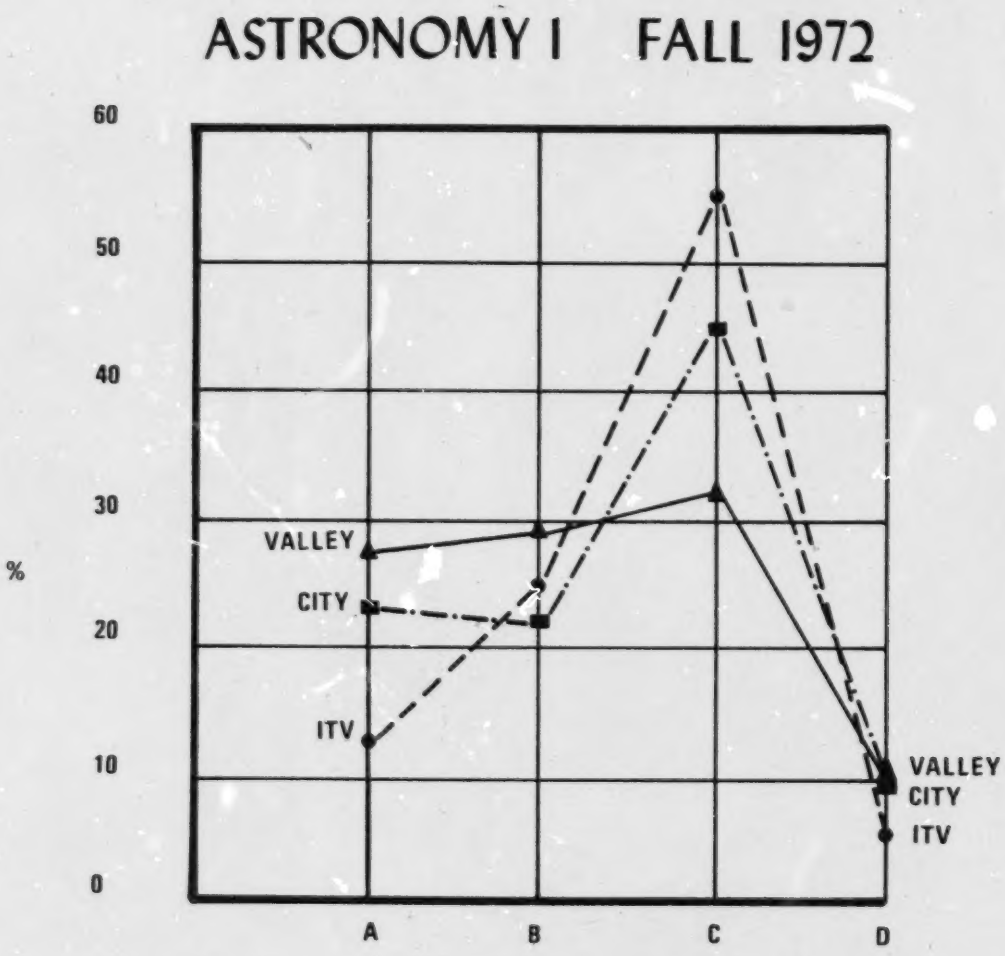
ITV, L.A., and Valley Colleges

FIGURE 7



Grade Comparison
ITV, L.A., and Valley Colleges

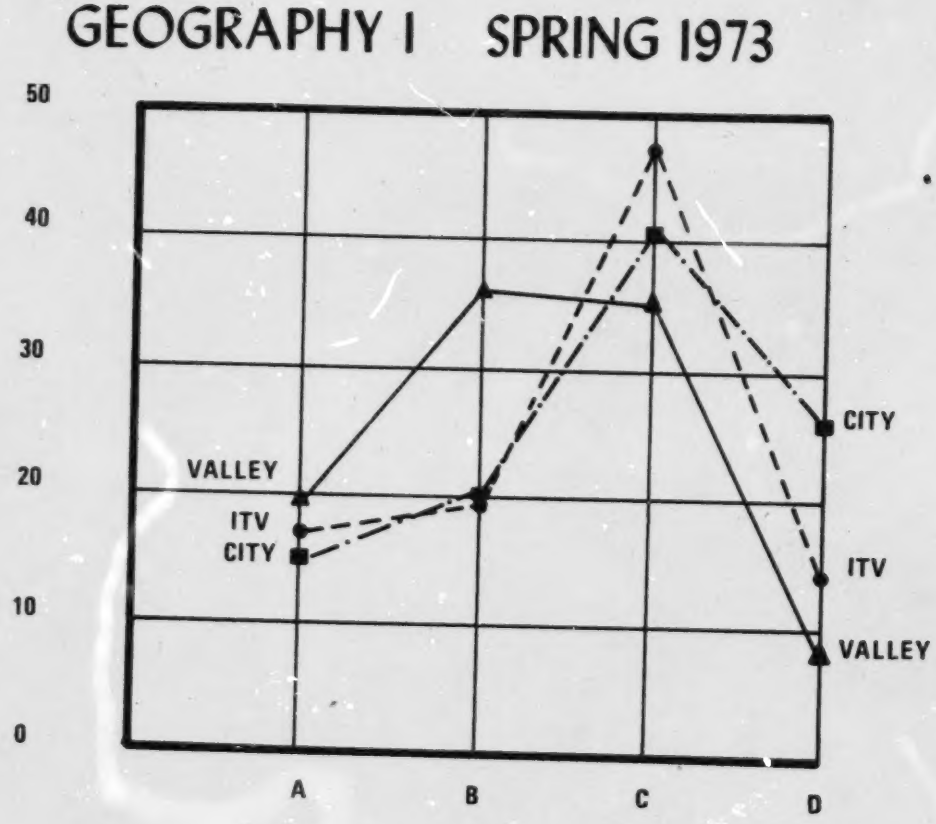
FIGURE 8



Grade Comparison

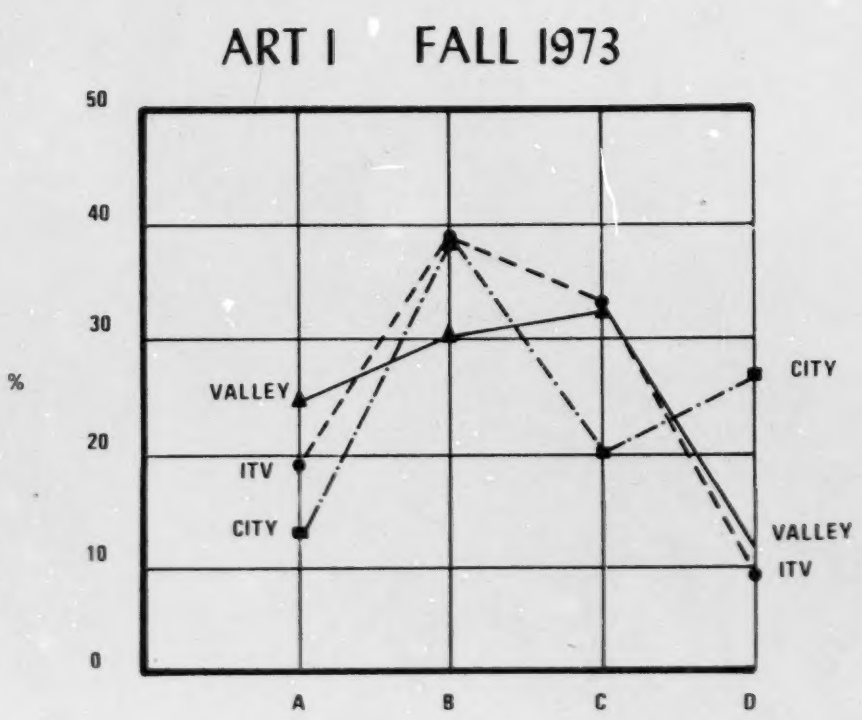
ITV, L.A., and Valley Colleges

FIGURE 9



Grade Comparison
ITV; L.A. , and Valley Colleges

FIGURE 10

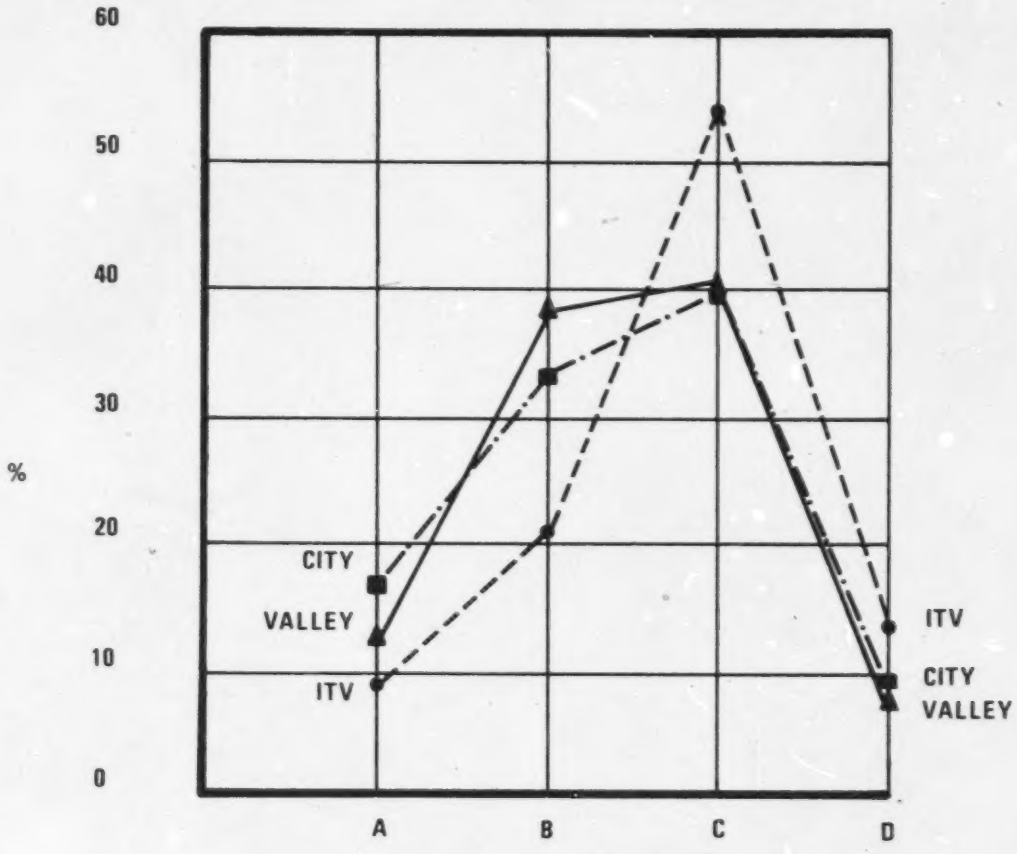


Grade Comparison

ITV, L.A., and Valley Colleges

FIGURE II

GEOGRAPHY I SPRING 1974



Grade Comparison

ITV, L.A., and Valley Colleges

FIGURE 12

APPENDIX I

INSTRUCTIONAL TELEVISION GRADES 1972 - 1974

TERM	COURSE	NUMBER OF GRADES A	B	C	D	PERCENT OF GRADES A	B	C	D	CENSUS DAY ENROLLMENT	PASSING NO.	%	AVERAGE GRADE
SUM 72	PSYCH 1	150	182	183	12	28.5	34.6	34.7	2.2	926	527	56.9	2.89
FALL 72	ASTRONOMY 1	104	204	458	57	12.6	24.8	55.7	6.9	1662	823	49.5	2.43
FALL 72	ART 1	85	167	178	74	16.9	33.2	35.3	14.6	1037	504	48.6	2.52
SPR. 73	ECON 4	257	264	433	25	26.3	27.0	44.2	2.5	1483	979	65.8	2.77
SPR. 73	GEOG 1	129	141	343	105	17.9	19.6	47.8	14.7	1323	718	54.2	2.41
SUM 73	LAW 30	250	273	251	8	32.0	34.8	32.2	1.0	1553	782	50.4	2.95
FALL 73	ECON 4	54	156	233	7	12.0	34.7	51.8	1.5	862	450	52.2	2.57
FALL 73	ART 1	71	140	122	34	19.4	38.2	33.3	9.3	858	367	42.8	2.67
SPR. 74	GEOG 1	23	57	147	37	8.7	21.6	55.7	14.0	622	264	42.4	2.25
SPR. 74	FINANCE 31	21	54	128	21	9.4	24.0	57.2	9.4	544	224	41.2	2.33
	TOTALS:	1144	1638	2476	380	20.4	28.4	44.7	6.5	10870	5638	52.7	2.62

TOTAL ENROLLMENTS	10870
TOTAL PASSING GRADES	5638
PERCENT	51.8

$$\text{AVERAGE GRADE} = \frac{\text{NO. OF GRADE POINTS}}{\text{NO. OF GRADES}} = \frac{4A + 3B + 2C + D}{\text{NO. OF GRADES}} = \frac{14822}{5638} = 2.62$$

APPENDIX II

LOS ANGELES CITY COLLEGE GRADES 1972 - 1974

TERM	COURSE	NUMBER OF GRADES A	B	C	D	CR	PERCENT OF GRADES A	B	C	D	CENSUS DAY ENROLLMENT	PASSING NO.	%	AVERAGE GRADE
SUM 72	PSYCH 1	73	114	134	21	3	21.4	33.4	39.1	6.1	442	345	78.0	2.70
FALL 72	ASTRONOMY 1	21	20	40	8		23.6	22.5	45.0	8.9	162	89	54.9	2.61
FALL 72	ART 1	4	11	20	14	1	8.2	22.5	40.8	28.5	110	50	45.5	2.10
SPRING 73	ECON 4	3	1	0	0		75.0	25.0	0	0	4	4	100	3.75
SPRING 73	GEOG 1	22	29	59	37	1	15.0	19.7	40.2	25.1	205	148	72.2	2.24
FALL 73	ECON 4	3	2	3	0		37.5	25.0	37.5	0	13	8	61.5	3.00
FALL 73	ART 1	6	17	9	12	2	13.6	38.7	20.5	27.2	89	46	51.7	2.39
SPRING 74	GEOG 1	35	67	79	19	1	17.5	33.5	39.5	9.5	272	201	73.8	2.59
SPRING 74	FINANCE 31	7	7	2	0		43.7	43.7	12.6	0	20	16	80.0	3.31
	TOTALS	174	268	346	111	8	19.4	29.8	38.5	12.3	1317	907	68.8	2.56

TOTAL ENROLLMENTS 1317

TOTAL PASSING GRADES 907

PERCENT 68.8

$$\text{AVERAGE GRADE} = \frac{\text{NO. OF GRADE POINTS}}{\text{NO. OF GRADES}} = \frac{4A + 3B + 2C + D}{\text{NO. OF GRADES}} = \frac{2303}{899} = 2.56$$

APPENDIX III

LOS ANGELES VALLEY COLLEGE GRADES 1972 - 1974

TERM	COURSE	NUMBER OF GRADES A	B	C	D	CR	PERCENT OF GRADES A	B	C	D	CENSUS DAY ENROLLMENT	PASSING NO.	%	AVERAGE GRADE
SUM 72	PSYCH 1	63	89	98	12		24.0	34.0	37.5	4.5	328	262	79.8	2.77
FALL 72	ASTRONOMY 1	89	97	105	34		27.4	29.9	32.3	10.4	499	325	65.1	2.74
FALL 72	ART 1	129	105	131	34	2	32.3	26.3	32.8	8.6	520	401	77.1	2.83
SPR 73	ECON 4	2	9	12	1		8.3	37.5	50.0	4.2	29	24	82.7	2.50
SPR 73	GEOG 1	81	153	151	36	1	19.3	36.4	35.8	8.5	492	422	85.7	2.67
FALL 73	ECON 4	2	10	21	2		5.7	28.6	60.0	5.7	35	35	100.0	2.34
FALL 73	ART 1	89	105	116	40	5	25.5	30.0	33.2	11.3	409	355	86.7	2.69
SPR 74	GEOG 1	63	186	200	41		12.9	38.0	40.8	8.3	590	490	83.0	2.55
	TOTALS	518	754	834	200	8	22.5	32.7	36.2	8.6	2902	2314	79.7	2.69

TOTAL ENROLLMENTS 2902

TOTAL PASSING GRADES 2314

PERCENT 79.7

$$\text{AVERAGE GRADE} = \frac{\text{NO. OF GRADE POINTS}}{\text{NO. OF GRADES}} = \frac{4A + 3B + 2C + D}{2306} = 2.69$$

CLEARINGHOUSE FOR JUNIOR COLLEGES
OCT 31 1975
UNIVERSITY OF CALIF. LOS ANGELES